



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application for:

Terry L. Lucas, et al.

Application No.: 10/082,800

Filed: February 22, 2002

For: PROGRAMMING LANGUAGE
EXTENSIONS FOR
PROCESSING DATA
REPRESENTATION LANGUAGE
OBJECTS AND RELATED
APPLICATIONS

Examiner: Not yet assigned

Art Group: 2121

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed Commissioner for Patents, Washington, DC 20231 on:

Date of Deposit: December 4, 2002

Name of Person Mailing: Heather L. Adamson

Signature: Heather Adamson Date: 12/04/2002

COMMISSIONER FOR PATENTS
WASHINGTON, DC 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. § 1.97(g), the submission of this Information Disclosure Statement (IDS) is not to be construed as a representation that a search has been made, and, pursuant to 37 C.F.R. § 1.97(h), the submission of this IDS is not to be construed as an admission that the information cited in this IDS is material to patentability.

This IDS is being submitted under one or more of the following sections of 37

C.F.R. § 1.97 (as indicated by an "X" to the left of the appropriate paragraph(s)):

 X 37 C.F.R. § 1.97(b). Filed:

- (1) Within three months of a National Application other than a CPA;
- (2) Within three months of entry into National Stage;
- (3) Before mailing of a first Office Action on the merits; or
- (4) Before mailing of a first Office Action after filing an RCE.

 37 C.F.R. § 1.97(c). Filed before the mailing of a Final Office Action, Notice of Allowance, or an action that otherwise closes prosecution.

And, ONE of the following:

 (1) One statement from 37 C.F.R. § 1.97(e);

 (e)(1) The person signing below certifies that each item of information contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS; or

 (e)(2) The person signing below certifies that no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing below after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 1.56(c) more than three months prior to filing this IDS.

OR

 (2) The fee set forth in 37 C.F.R. § 1.17(p).

 A check in the amount of \$180.00 is enclosed.

 37 C.F.R. § 1.97(d). Filed on or before payment of the issue fee.

And, BOTH of the following:

 (1) one statement from 37 C.F.R. § 1.97(e);

 (e)(1) The person signing below certifies that each item of information contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS; or

 (e)(2) The person signing below certifies that no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing below after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 1.56(c) more than three months prior to filing this IDS.

AND

 (2) The fee set forth in 37 C.F.R. § 1.17(p).

 A check in the amount of \$180.00 is enclosed.

Accompanying this IDS is a Form PTO-1449 and a copy of each reference listed therein, EXCEPT references pursuant to one or more of the following sections of 37 C.F.R. § 1.98 (as indicated by an "X" to the left of the appropriate paragraph(s)):

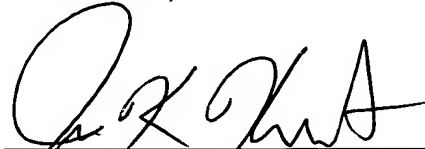
_____ 37 C.F.R. § 1.98(c) as being cumulative (marked with an "*" on the Form PTO-1449).

_____ 37 C.F.R. § 1.98(d) as being previously submitted in parent application
_____/_____,_____, to which the present application claims priority under 35
U.S.C. § 120.

The Commissioner is hereby authorized to charge shortages or credit overpayments to Deposit Account No. 500393. A Fee Transmittal is enclosed in duplicate for fee processing purposes.

Respectfully submitted,

SCHWABE, WILLIAMSON & WYATT, P.C.



Jason K. Klindtworth
Registration No. 47,211

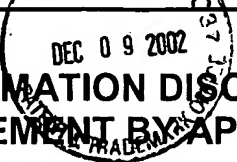
Dated: 12/4, 2002

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Portland, Oregon 97223
Telephone: 503-595-2800

U.S. PATENT DOCUMENTSFOREIGN PATENT DOCUMENTS

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| Examiner Signature | | Date Considered | |
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IPG No. 41016.P011X

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|  INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | Complete if Known | |
| | | | | Application Number | 10/082,800 |
| | | | | Filing Date | February 22, 2002 |
| | | | | First Named Inventor | Terry L. Lucas |
| | | | | Group Art Unit | 2121 |
| Sheet | 2 | of | 2 | Examiner Name | Not yet assigned |
| | | | | Attorney Docket Number | 109870-130101 |

OTHER ART (INCLUDING TITLE, AUTHOR, DATE, PERTINENT PAGES, ETC.)

| Exam. Initials | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |
|----------------|----------|---|
| | 5 | BANBARA et al., "Translating A Linear Logic Programming Language into Java," Electronic Notes in Theoretical Computer Science (1999), pp. 1-15 |
| | 6 | BINDING et al., "Generation of Java Beans to Access XML Data," Proceedings of the first International Conference on Web Information Systems Engineering, June 2000, Vol. 2, pp. 143-149 |
| | 7 | CHANDRAMOULI, R., "Application of XML Tools for Enterprise-Wide RBAC Implementation Tasks," Proceedings of the 5 th ACM Workshop on Role-based Access Control, July 2000, pp. 11-18 |
| | 8 | IMAMURA et al., "Mapping Between ASN.1 and XML," January 2001, Proceedings of the 2001 Symposium on Applications and the Internet, pp. 57-64 |
| | 9 | RUNDENSTEINER et al., "Maintaining Data Warehouses Over Changing Information Sources," Communications of the ACM, June 2000, Vol. 43, No. 6, pp. 57-62 |
| | 10 | SAHUGUET et al., "Looking at the Web Through XML Glasses," Proceedings of the 1999 IFCIS International Conference on Cooperative Information Systems, September 1999, pp. 148-159 |
| | 11 | WALLACE et al., "Haskell and XML: Generic Combinators or Type-Based Translation?" (1999) ACM, pp. 148-159 |
| | 12 | ZWOL et al., "The Webspace Method: On The Integration of Database Technology with Multimedia Retrieval," Proceedings of the 9 th International Conference on Information and Knowledge Management, November 2000, pp. 438-445 |
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| Examiner Signature | | Date Considered | |
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Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.